

In the Claims

1. (Currently amended) A method of controlling toner consumption comprising:
providing a toner cartridge comprising toner and electrical development
components;

consuming a portion of said toner by printing a plurality of images while a voltage
is applied to at least one of said electrical development components;

determining when a predetermined amount of the toner remains in the toner
cartridge; and

when the predetermined amount of toner remains in the toner cartridge, altering the
amount of toner consumed to form images by changing the ~~the~~ voltage level applied to
the at least one of the electrical development components during image formation.

2. (Previously presented) The method of claim 1 wherein altering the amount of
toner consumed further comprises reducing the amount of toner consumed to form images
by increasing the voltage applied to a primary charge roller and decreasing the voltage
applied to a developer roller.

3. (Previously presented) The method of claim 1 wherein altering the amount of
toner consumed further comprises increasing the amount of toner consumed to form
images by decreasing the voltage applied to a primary charge roller and increasing the
voltage applied to a developer roller.

4. (Previously presented) The method of claim 1 wherein the toner cartridge
comprises an electronic module, the method further comprising, after the step of providing,
the step of:

replacing the electronic module with a replacement electronic module,
wherein said replacement module stores an indication of the amount of toner
remaining.

5. (Currently amended) The method of claim 4 wherein the replacement electronic
~~circuit~~ module stores a value controlling the voltage applied to the at least one of the
electrical development components.

6. (Previously presented) The method of claim 5 wherein altering the amount of
toner consumed further comprises replacing the stored value controlling the voltage
applied to the at least one of the electrical development components with a new value

controlling the voltage applied to the at least one of the electrical development components.

7. (Currently amended) The method of claim 6 further comprising reading the new value by ~~the~~ a printer holding the toner cartridge.

8. (Currently amended) A toner cartridge comprising:

toner;

electrical development components consuming a portion of said toner by printing a plurality of images while a first voltage is applied to at least one of the electrical development components; and

an electronic circuit storing an indication of the amount of toner remaining, said circuit further storing a value controlling ~~[[a]]~~ the voltage applied to the at least one of the electrical development components,

said electronic circuit determining when a predetermined amount of the toner remains in the toner cartridge,

said electronic circuit altering the amount of toner consumed to form images by applying a second voltage, different from the first voltage, changing a voltage level applied to the at least one of the electrical development components when printing additional images, when the predetermined amount of toner remains in the toner cartridge.

9. (Previously presented) The toner cartridge of claim 8 wherein the electronic circuit alters the amount of toner consumed by replacing the stored value controlling the voltage applied to the at least one of the electrical development components with a new value controlling the voltage applied to the at least one of the electrical development components.

10. (Previously presented) The toner cartridge of claim 9 wherein the electronic circuit reduces the amount of toner consumed to form images by increasing the voltage applied to a primary charge roller and decreasing the voltage applied to a developer roller.

11. (Previously presented) The toner cartridge of claim 9 wherein the electronic circuit increases the amount of toner consumed to form images by decreasing the voltage applied to a primary charge roller and increasing the voltage applied to a developer roller.

12. (Previously presented) The toner cartridge of claim 8 wherein the electronic circuit is a replacement electronic circuit replacing an original electronic circuit.

13. (Currently amended) A toner cartridge comprising:
toner;
electrical development components consuming a portion of said toner by printing a plurality of images while a first voltage is applied to at least one of the electrical development components; and

circuitry means for storing an indication of the amount of toner remaining, said circuitry means further for storing a value controlling ~~[[a]]~~ the voltage applied to the at least one of the electrical development components,

said circuitry means for determining when a predetermined amount of the toner remains in the toner cartridge,

said circuitry means for altering the amount of toner consumed to form images by applying a second voltage, different from the first voltage, changing a voltage level applied to the at least one of the electrical development components when printing additional images, when the predetermined amount of toner remains in the toner cartridge.

14. (Previously presented) The toner cartridge of claim 13 wherein the circuitry means is for altering the amount of toner consumed by replacing the stored value controlling the voltage applied to the at least one of the electrical development components with a new value controlling the voltage applied to the at least one of the electrical development components.

15. (Previously presented) The toner cartridge of claim 14 wherein the circuitry means is for reducing the amount of toner consumed to form images by increasing the voltage applied to a primary charge roller and decreasing the voltage applied to a developer roller.

16. (Previously presented) The toner cartridge of claim 14 wherein the circuitry means is for increasing the amount of toner consumed to form images by decreasing the voltage applied to a primary charge roller and increasing the voltage applied to a developer roller.

17. (Currently amended) A replacement electronic circuit for use on a remanufactured toner cartridge including toner and electrical development components consuming a portion of said toner by printing a plurality of images while a voltage is

applied to at least one of said electrical development components, the replacement electronic circuit comprising:

electronic circuitry storing an indication of the amount of toner remaining, said circuit further storing a value controlling [[a]] the voltage applied to the at least one of the electrical development components,

said electronic circuit determining when a predetermined amount of the toner remains in the remanufactured toner cartridge,

said electronic circuit altering the amount of toner consumed to form images by changing [[a]] the voltage level applied to the at least one of the electrical development components when additional images are printed, when the predetermined amount of toner remains in the remanufactured toner cartridge.

18. (Previously presented) The replacement electronic circuit of claim 17 wherein the electronic circuitry alters the amount of toner consumed by replacing the stored value controlling the voltage applied to the at least one of the electrical development components with a new value controlling the voltage applied to the at least one of the electrical development components.

19. (Previously presented) The replacement electronic circuit of claim 18 wherein the electronic circuitry reduces the amount of toner consumed to form images by increasing the voltage applied to a primary charge roller and decreasing the voltage applied to a developer roller.

20. (Previously presented) The replacement electronic circuit of claim 18 wherein the electronic circuitry increases the amount of toner consumed to form images by decreasing the voltage applied to a primary charge roller and increasing the voltage applied to a developer roller.